

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006559.D
 Acq On : 01 Nov 2021 18:05
 Operator : SY/MD
 Sample : M4424-06
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 03:31:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

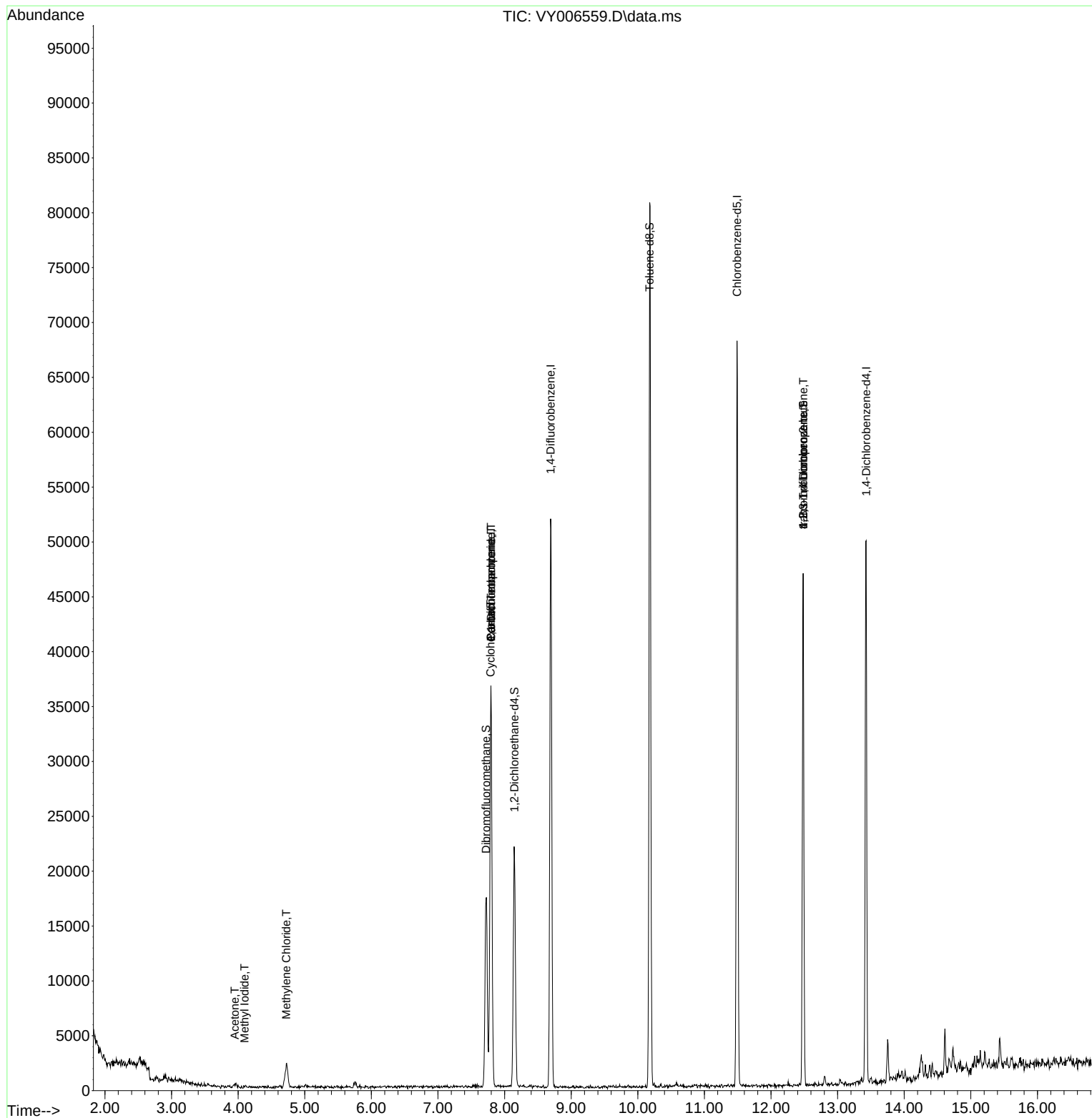
Internal Standards						
1) Pentafluorobenzene	7.795	168	27404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	41782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	34212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	17429	51.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.360%	
35) Dibromofluoromethane	7.722	113	12207	52.417	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.840%	
50) Toluene-d8	10.179	98	51562	52.230	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.460%	
62) 4-Bromofluorobenzene	12.483	95	13450	40.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.880%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	120	5.459	ug/l #	36
16) Acetone	3.948	43	441	4.542	ug/l #	46
20) Methylene Chloride	4.722	84	1520	1.103	ug/l	98
31) Cyclohexane	7.789	56	684	1.253	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	2467	5.976	ug/l #	44
38) Carbon Tetrachloride	7.795	117	2606	5.722	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	7625	61.168	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7625	125.576	ug/l #	7

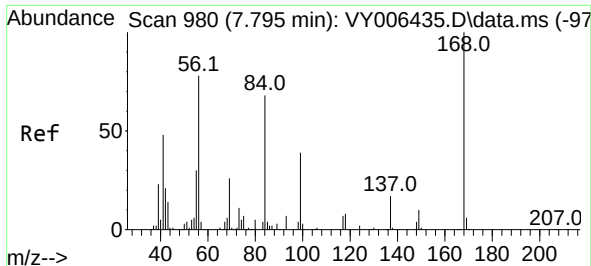
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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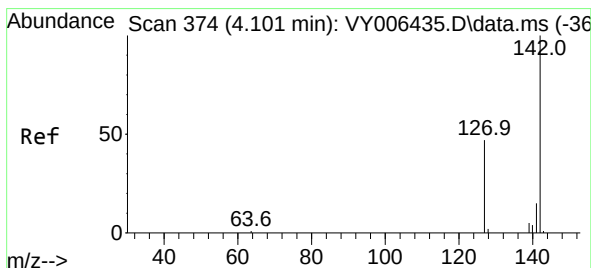
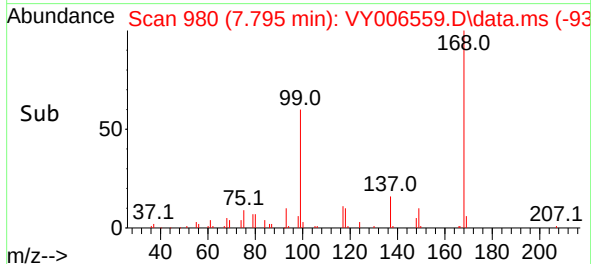
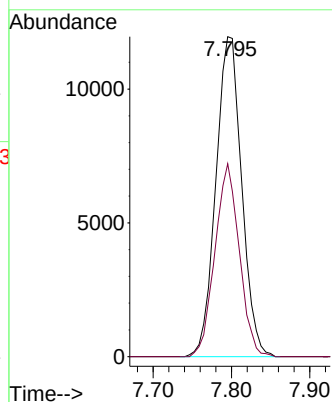
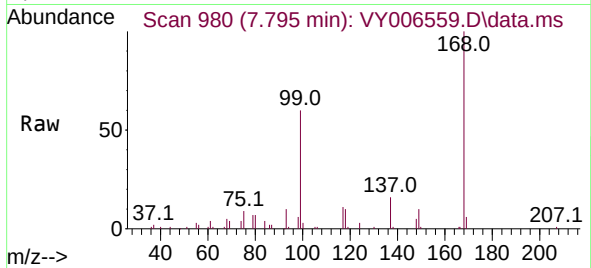




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006559.D
Acq: 01 Nov 2021 18:05

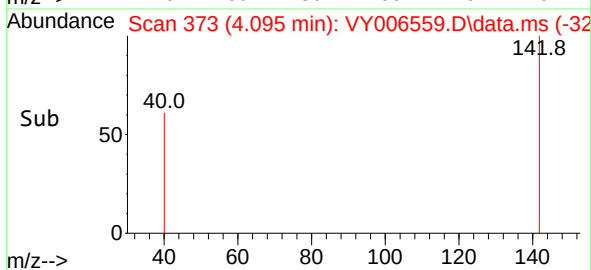
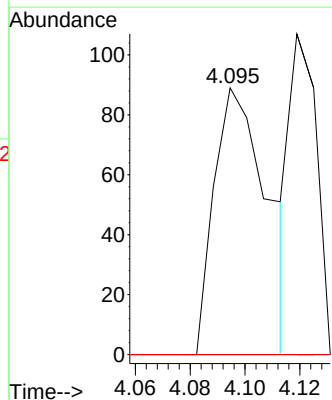
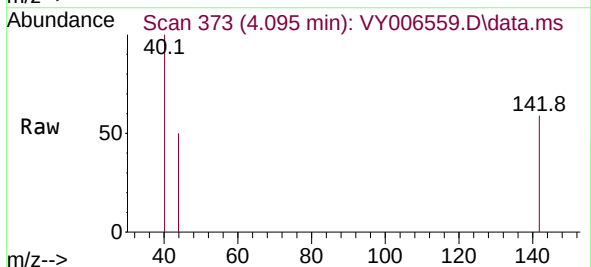
Instrument :
MSVOA_Y
ClientSampleId :

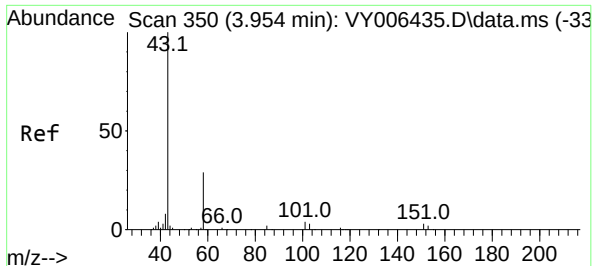
Tgt Ion:168 Resp: 27404
Ion Ratio Lower Upper
168 100
99 60.3 44.8 67.2



#10
Methyl Iodide
Concen: 5.459 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY006559.D
Acq: 01 Nov 2021 18:05

Tgt Ion:142 Resp: 120
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#





#16

Acetone

Concen: 4.542 ug/l

RT: 3.948 min Scan# 341

Delta R.T. -0.006 min

Lab File: VY006559.D

Acq: 01 Nov 2021 18:05

Instrument :

MSVOA_Y

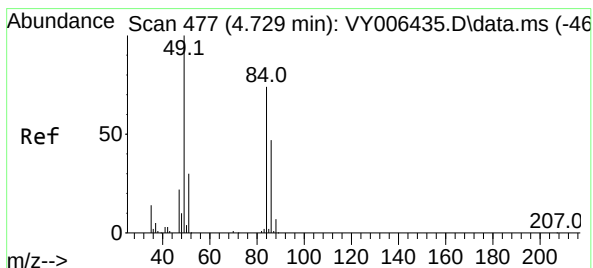
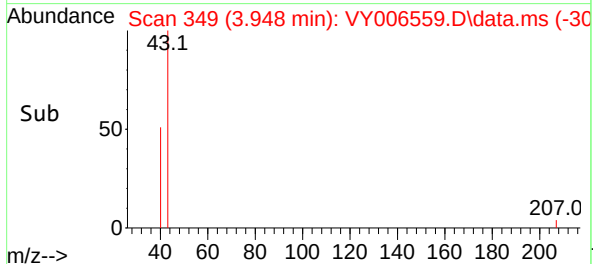
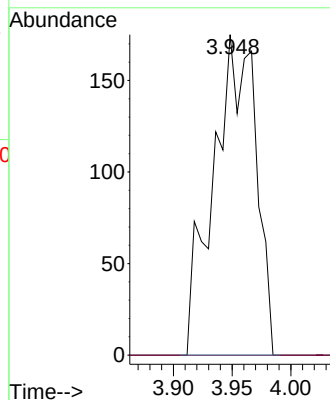
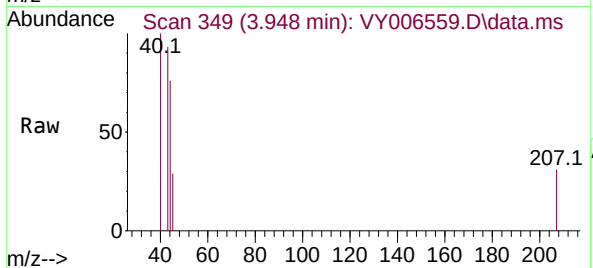
ClientSampleId :

Tgt Ion: 43 Resp: 441

Ion Ratio Lower Upper

43 100

58 0.0 22.9 34.3#



#20

Methylene Chloride

Concen: 1.103 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY006559.D

Acq: 01 Nov 2021 18:05

Tgt Ion: 84 Resp: 1520

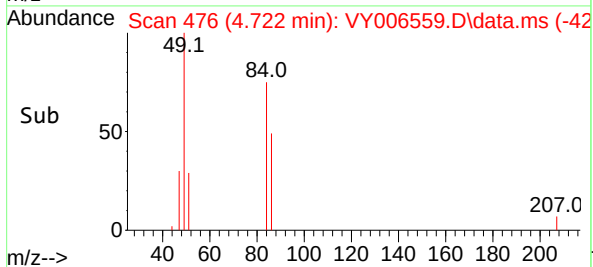
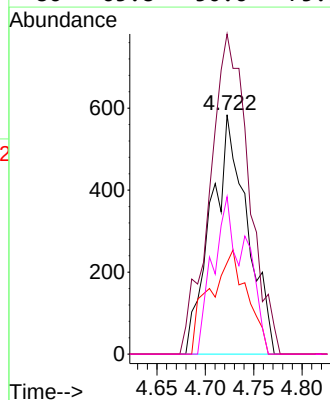
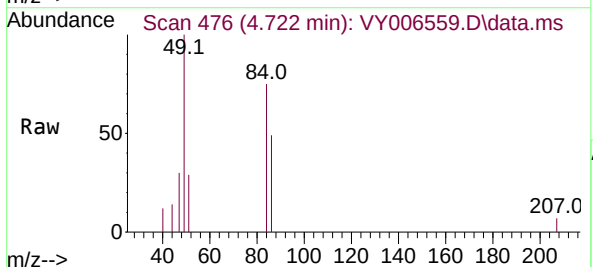
Ion Ratio Lower Upper

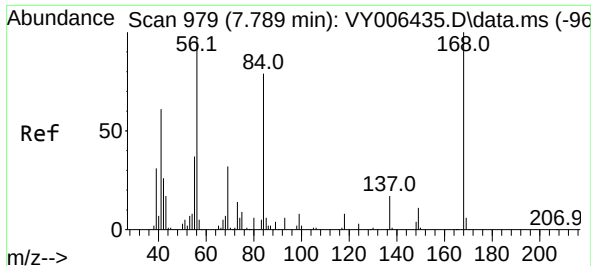
84 100

49 133.7 107.8 161.8

51 38.2 32.8 49.2

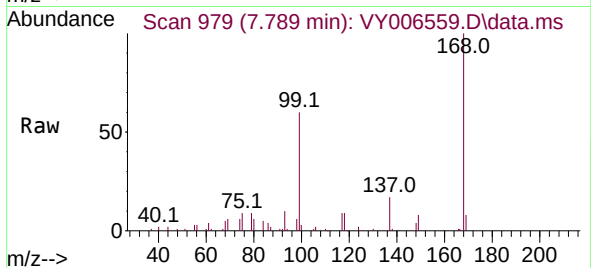
86 65.8 50.6 75.8



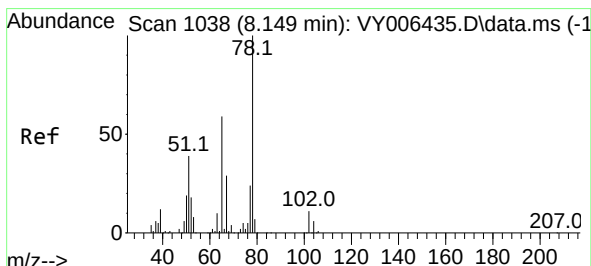
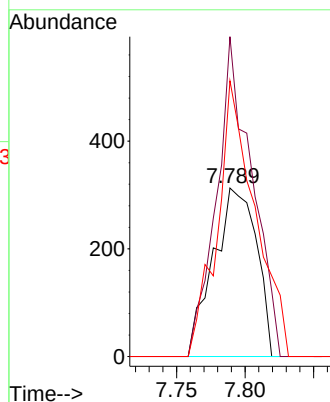
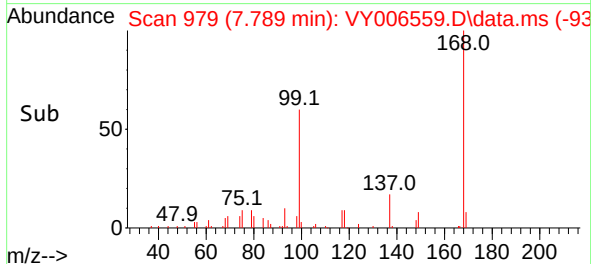


#31
Cyclohexane
Concen: 1.253 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006559.D
Acq: 01 Nov 2021 18:05

Instrument :
MSVOA_Y
ClientSampleId :

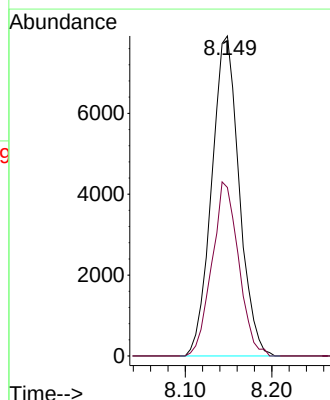
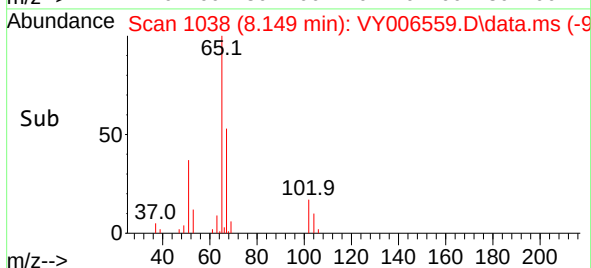
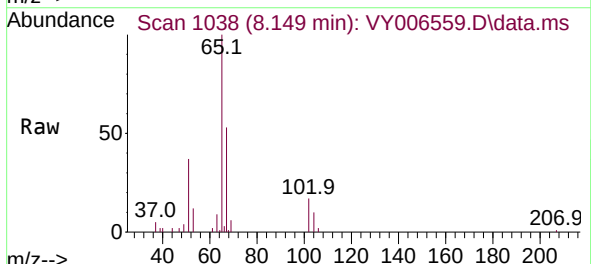


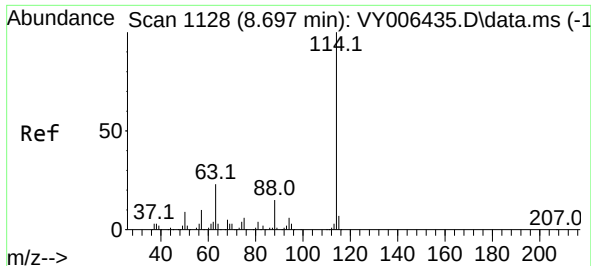
Tgt Ion: 56 Resp: 684
Ion Ratio Lower Upper
56 100
69 189.8 26.6 40.0#
84 163.6 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 51.684 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006559.D
Acq: 01 Nov 2021 18:05

Tgt Ion: 65 Resp: 17429
Ion Ratio Lower Upper
65 100
67 52.8 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006559.D

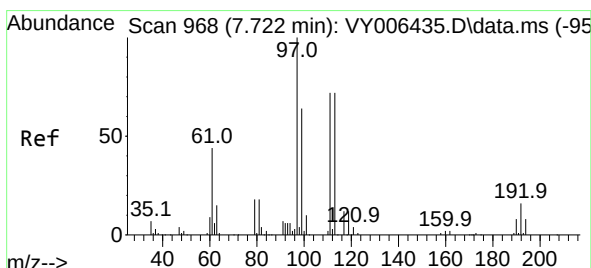
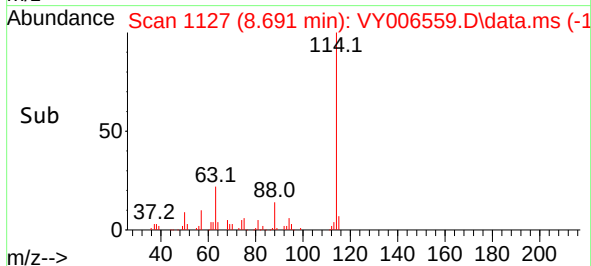
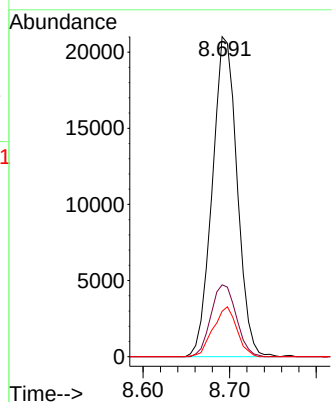
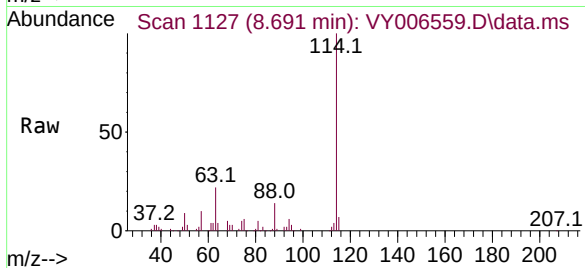
Acq: 01 Nov 2021 18:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	41782
Ion Ratio	Lower	Upper
114	100	
63	22.5	0.0 45.0
88	14.2	0.0 30.6



#35

Dibromofluoromethane

Concen: 52.417 ug/l

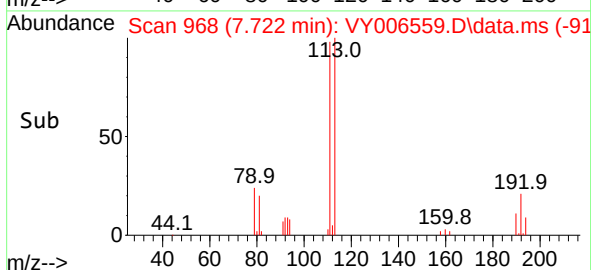
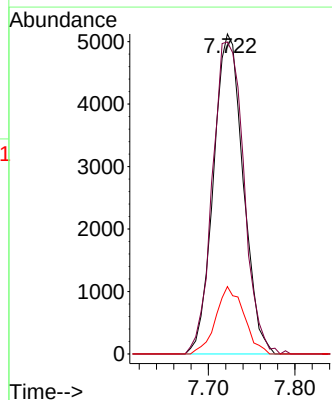
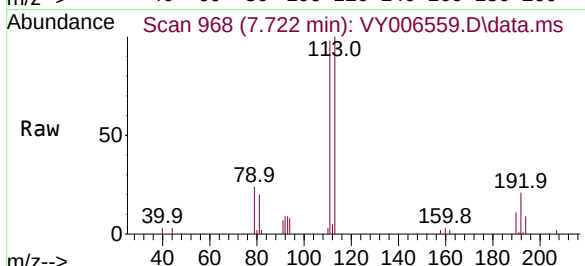
RT: 7.722 min Scan# 968

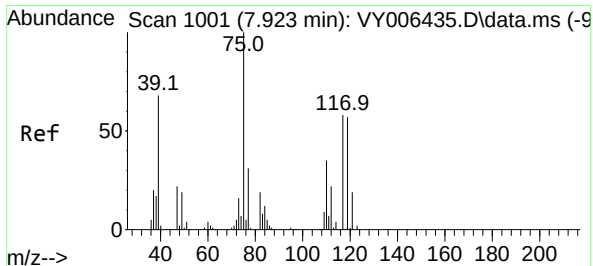
Delta R.T. 0.000 min

Lab File: VY006559.D

Acq: 01 Nov 2021 18:05

Tgt Ion:113	Resp:	12207
Ion Ratio	Lower	Upper
113	100	
111	103.1	82.3 123.5
192	20.0	17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.976 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

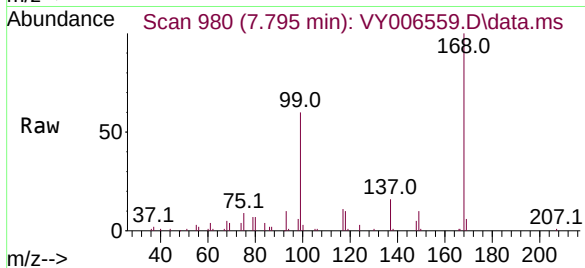
Lab File: VY006559.D

Acq: 01 Nov 2021 18:05

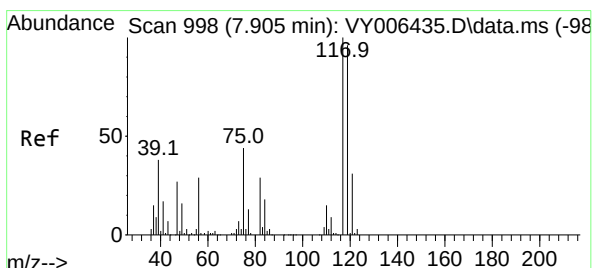
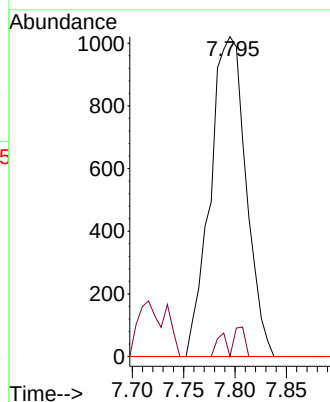
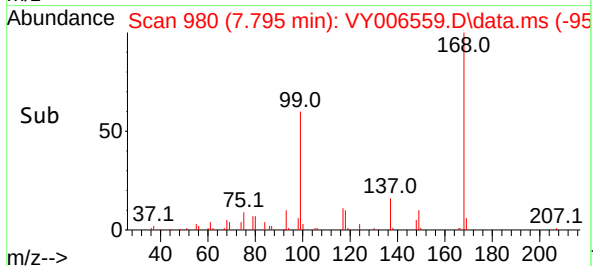
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 2467
Ion Ratio	Lower Upper
75	100
110	1.9 17.1 51.3#
77	0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.722 ug/l

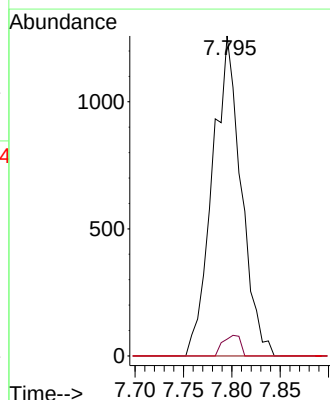
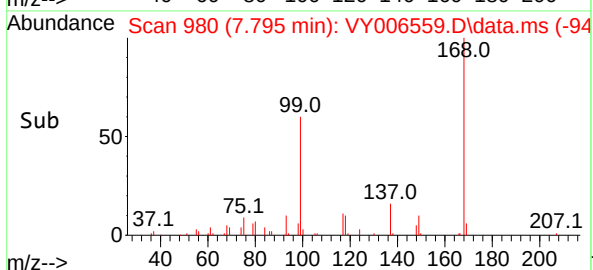
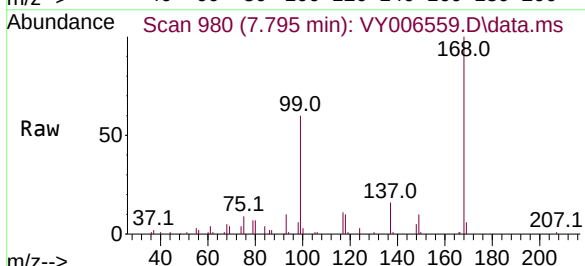
RT: 7.795 min Scan# 980

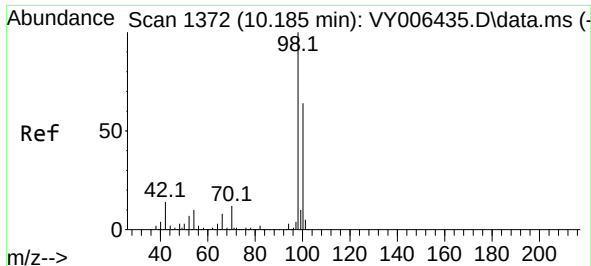
Delta R.T. -0.110 min

Lab File: VY006559.D

Acq: 01 Nov 2021 18:05

Tgt Ion: 117	Resp: 2606
Ion Ratio	Lower Upper
117	100
119	5.2 76.6 115.0#
121	0.0 24.7 37.1#

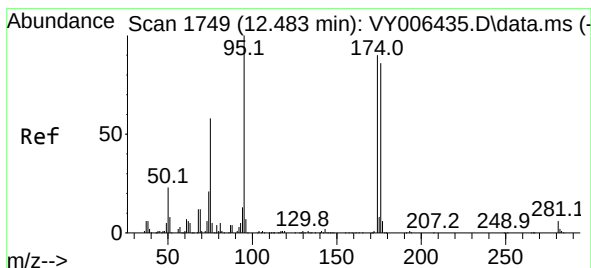
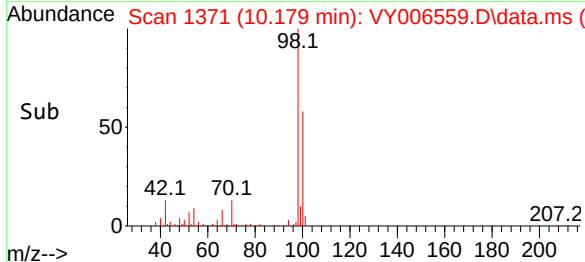
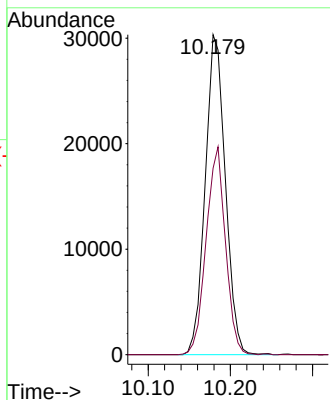
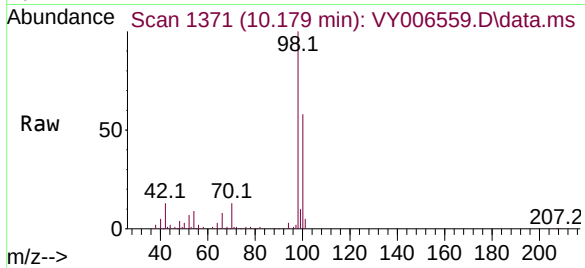




#50
Toluene-d8
Concen: 52.230 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY006559.D
Acq: 01 Nov 2021 18:05

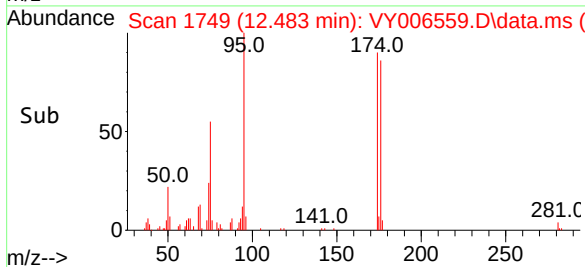
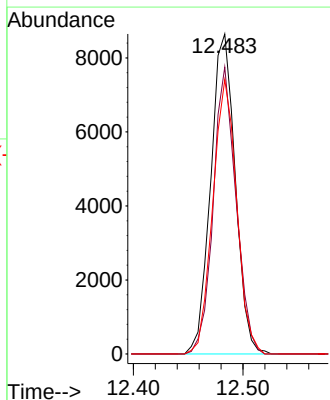
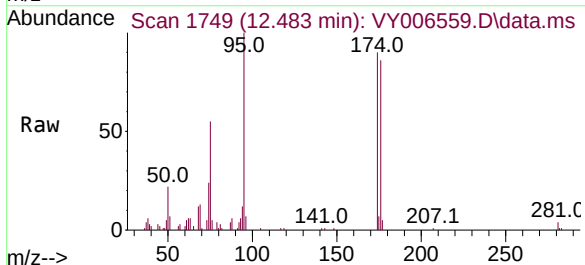
Instrument :
MSVOA_Y
ClientSampleId :

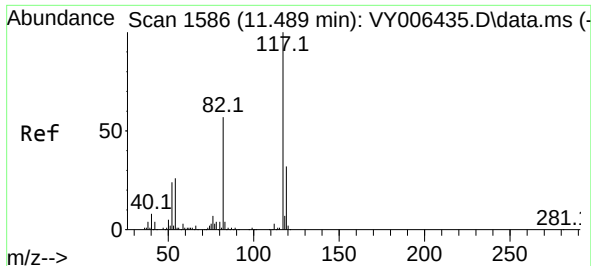
Tgt Ion: 98 Resp: 51562
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 40.445 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006559.D
Acq: 01 Nov 2021 18:05

Tgt Ion: 95 Resp: 13450
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 83.4 0.0 169.4

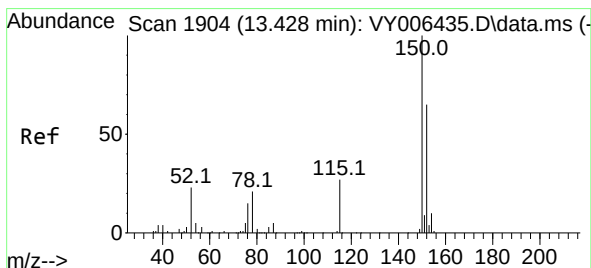
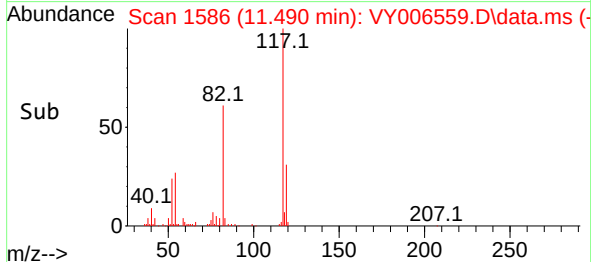
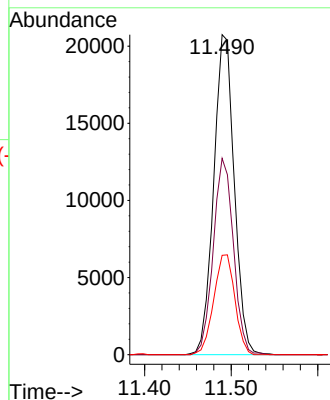
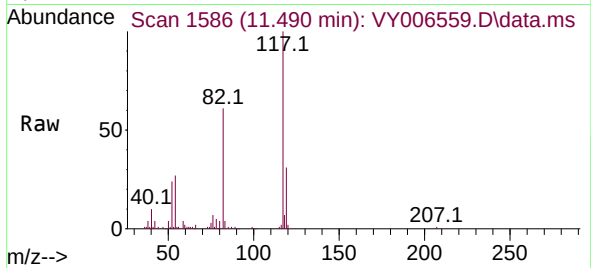




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006559.D
Acq: 01 Nov 2021 18:05

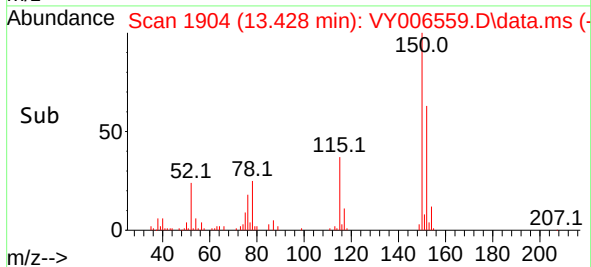
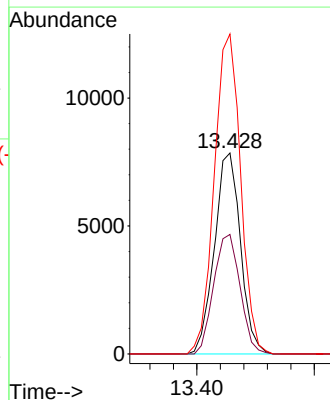
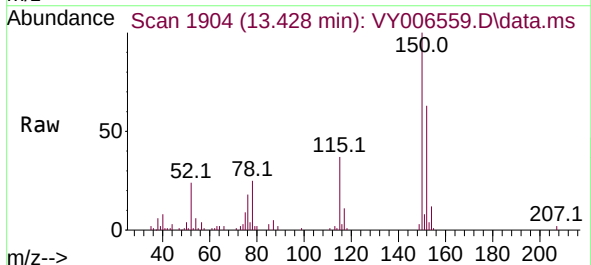
Instrument :
MSVOA_Y
ClientSampleId :

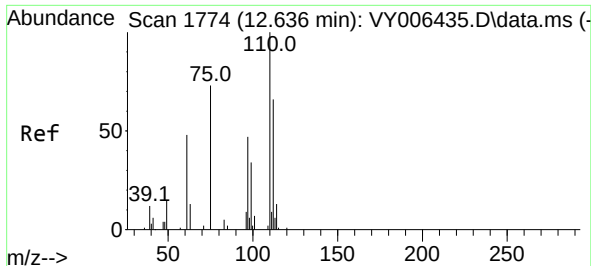
Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.3	45.7	68.5
119	31.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006559.D
Acq: 01 Nov 2021 18:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.5	85.5
150	160.7	0.0	348.2

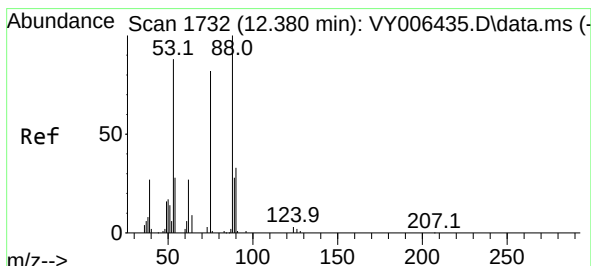
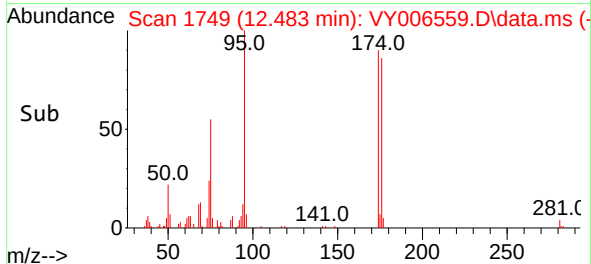
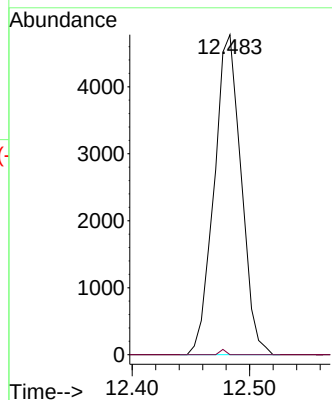
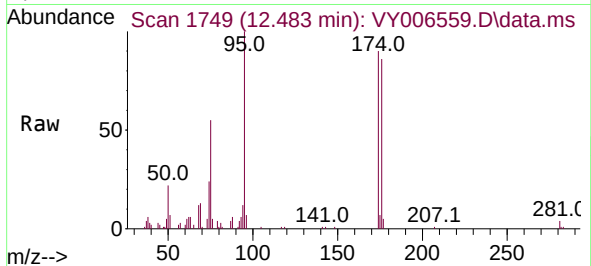




#76
1,2,3-Trichloropropane
Concen: 61.168 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006559.D
Acq: 01 Nov 2021 18:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 7625
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.576 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006559.D
Acq: 01 Nov 2021 18:05

Tgt Ion: 75 Resp: 7625
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

